Accepted Manuscript

Differential Evolution Algorithm as a Tool for Optimal Feature Subset Selection in Motor Imagery EEG

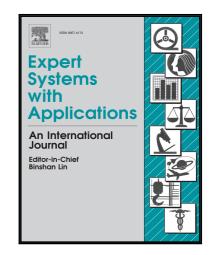
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PII: S0957-4174(17)30510-9 DOI: 10.1016/j.eswa.2017.07.033

Reference: ESWA 11449

To appear in: Expert Systems With Applications

Received date: 7 December 2016 Revised date: 22 June 2017 Accepted date: 21 July 2017



Please cite this article as: Muhammad Zeeshan Baig, Nauman Aslam, Hubert P.H. Shum, Li Zhang, Differential Evolution Algorithm as a Tool for Optimal Feature Subset Selection in Motor Imagery EEG, *Expert Systems With Applications* (2017), doi: 10.1016/j.eswa.2017.07.033

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Highlights

- We propose a novel hybrid method for feature selection using Differential Evolution for EEG signals.
- The proposed method achieved feature reduction by 90% and average classification accuracy of 95%.
- Evaluation of the proposed scheme was performed on BCI Competition III, dataset Iva.
- Results demonstrated promising performance



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